

ITD Software Development Budget Guidelines for Toolset Upgrades 2011 – 2013 Biennium

Development Toolset Upgrades

The ITD Software Development Division supports many software development tools and languages. ITD upgrades to new versions of our tools and languages on a regular basis. This prevents obsolescence of customer applications. Upgrades generally involve re-compiling applications using the newest version of the tool or language, then unit testing the application. The time required to upgrade varies, depending on the tool being upgraded and the severity of the upgrade.

Following is a list of software components that will likely need upgrades in the 2011-2013 biennium. We've provided a budgeting estimate of the average time required to upgrade each tool and language. We ask that customers budget for the anticipated number of upgrades per biennium. Please contact your Software Development team leader to determine which of these technologies you may use.

Software Component	Anticipated Number of Upgrades in 2011-2013 Biennium	Number of Hours per Upgrade
PowerBuilder	1	32 hours per Application
PowerDesigner	2	4 hours per Application
DB2	1	24 hours per Application
Adabas	1	24 hours per Application
Oracle	1	4 hours per Application
SQL Server	1	4 hours per Application
WebSphere	2	32 hours per Application
WebSphere ESB/WID	2	32 hours per Application
WebSphere Message Queues	2	32 hours per Application
.Net	1	8 hours per Application
LiquidOffice	1	8 hours per Application
Teleform	1	2 hours per Form
Cobol/MicroFocus Cobol	2	16 hours per Agency per upgrade
Natural	2	16 hours per Agency per upgrade
ADA Compliancy Tools	1 1	8 hours per Web Site and 16 hours per Web Application
Drupal	6	2 hours per Web Site
Address Verification Tools (Finalist)	24 2	1 hours per Upgrade – Files 8 hours per Upgrade – Version

ITD Software Development Budget Guidelines for Toolset Upgrades 2011 – 2013 Biennium

CA Gen (DHS only)	1	300 hours per Agency per upgrade
Rules Engine (Fair Isaac)	1	40 hours per Application
Lotus Notes	1	80 hours per Application
File Net BPM	1	6 hours per Workflow
File Net Content Manager	1	32 hours per Agency
File Net Record Manager	1	8 hours per Record Plan
File eForms	1	8 hours per eform
FileNet Workplace Customizations	1	8 hours per Customization
FileNet Department Applications	1	12 hours per .net Application
FileNet Department Applications	1	12 hours per Java application
IVR	1	24 hours per Application
Security Updates (Directories, Audit Remediation)	1	16 hours per Application
JCL Engine	2	16 hours per Agency per upgrade
CONNEX	1	8 hours per Application
Crystal Reports	2	2 hours per Report
Crystal Reports Enterprise	2	16 hours per Application
Micro Focus SilkTest	3	4 hours per Application
Micro Focus Test Manager	3	4 hours per Application
Micro Focus Issue Manager	3	4 hours per Application
Cognos Reports	3	4 hours per Report (fix packs included)
Cognos User Defined Reports	3	2 hours agency report testing
Cognos Transformer	3	4 hours per cube (fix packs included)
Cognos Transformer	3	4 hours per cube (fix packs included)
DataStage (ETL)	1	16 hours per Application (no apps at this time other than 3 rd party)
SSIS (ETL)	3	4 hours per Application (fix packs included)
Informatica	1	16 hours per Application (no apps at this time other than 3 rd party)

ITD Software Development Budget Guidelines for Toolset Upgrades 2011 – 2013 Biennium

Master Client Index (Initiate)	1	80 hours per Application
AppWorx	2	8 per Agency per Upgrade
Wappapello	None at this time	2 hours per Job

Toolset Retirements

ITD is currently supporting a development toolset and that we believe should be retired. Therefore the applications should be replaced. Please contact your Software Development team leader to determine which of these technologies you may use.

1. Application Toolset – Lotus Notes

We suggest that our customers budget to replace Lotus Notes applications before 2014. ITD can provide a budgeting cost estimate for Lotus Notes application replacement.

2. Interactive Voice Response Environment

The Integrated Voice Recognition (IVR) systems that are currently running on the Frank Solution should be included for re-write in the 2011-13 biennium. ITD will no longer be providing development or code support for applications on the new environment. A vendor pool category has been created to assist agencies in finding vendors to provide this service. ITD will be glad to assist departments with any technical requirements or questions regarding these projects.